

AMENDMENTS

IN THE CLAIMS:

1. (Previously Presented) A method for performing untethered work in at least one of a plurality of lateral pipes connected to a main pipe, comprising the steps of:

loading a lateral device into at least one lateral pipe from the main pipe;

anchoring said lateral device to the at least one lateral pipe;

utilizing said lateral device to perform untethered work on or within the at least one lateral pipe, the power necessary to perform said work being supplied from onboard said lateral device anchored within said lateral; and

unloading said lateral device from the at least one lateral pipe to the main pipe.

2. (Cancel).

3. (Cancel).

4. (Cancel).

5. (Cancel).

6. (Cancel).

7. (Cancel).

8. (Cancel).

9. (Currently Amended) An untethered lateral device, comprising:

an untethered lateral device housing;

an anchor device to secure said housing to an inner wall of a lateral pipe which intersects with a main pipe;

a work tool; and

a local power supply and local control circuitry onboard said lateral device to provide untethered power to said work tool and untethered control of said work tool.

10. (Original) The lateral device of Claim 9, wherein said work tool is a rotary bit cutting tool.

11. (Original) The lateral device of Claim 10, wherein a rotating arm supporting said rotary bit cutting tool is spring biased against the inner wall of the first pipe.

12. (Original) The lateral device of Claim 9, wherein said work tool is a hole saw cutting tool.

13. (Original) The lateral device of Claim 9, wherein said work tool is a grinding device cutting tool.

14. (Original) The lateral device of Claim 13, wherein said grinding device includes spring tensioning that automatically adjusts a cutting diameter of the grinding device to the size of the inside wall of the first pipe.

15. (Original) The lateral device of Claim 9, wherein said work tool is an electrically generated signal source.

16. (Original) The lateral device of Claim 9, wherein said work tool is an attachment adapted to drag a liner up into said first pipe from the second pipe.

17. (Cancel).

18. (Original) The lateral device of Claim 9, wherein a state of said work tool is determined based on local decision-making from on board the lateral device.

19. (Cancel).

20. (Cancel).

21. (Cancel).

22. (Cancel).

23. (Currently Amended) A lateral device for performing untethered work within at least one of a plurality of lateral pipes that intersect with a main pipe in a pipeline network, comprising:

an untethered lateral device housing;

an anchor device to secure said housing to an inner wall of said one of a plurality of lateral pipes; and

a work tool that is powered and controlled from onboard said lateral device by a local untethered power supply and local untethered control circuitry, respectively.

24. (Previously Presented) The lateral device of Claim 23, wherein said work tool is a rotary bit cutting tool.

25. (Previously Presented) The lateral device of Claim 24, wherein a rotating arm supporting said rotary bit cutting tool is spring biased against the inner wall of the first pipe.

26. (Previously Presented) The lateral device of Claim 23, wherein said work tool is a hole saw cutting tool.

27. (Previously Presented) The lateral device of Claim 23, wherein said work tool is a grinding device cutting tool.

28. (Previously Presented) The lateral device of Claim 27, wherein said grinding device includes spring tensioning that automatically adjusts a cutting diameter of the grinding device to the size of the inside wall of the first pipe.

29. (Previously Presented) The lateral device of Claim 23, wherein said work tool is an electrically generated signal source.

30. (Previously Presented) The lateral device of Claim 23, wherein said work tool is an attachment adapted to drag a liner up into said first pipe from the second pipe.

31. (Previously Presented) The lateral device of Claim 23, wherein a state of said work tool is determined based on local decision-making from on board the lateral device.